ABSTRACT

Methods and apparatuses for synchronizing the exchange of cryptography information between kernel drivers. A high level application in an electronic system passes a pointer to a base driver. The pointer is a unique identifier for cryptography information, such as a Security Association (SA), that the base driver uses to populate a cryptography information table for performing cryptography operations on secure traffic data packets. If the network interface device and/or its associated driver are reset, the pointer is used to repopulate the cryptography information table with specific cryptography information needed to perform cryptography operations on the data packets.